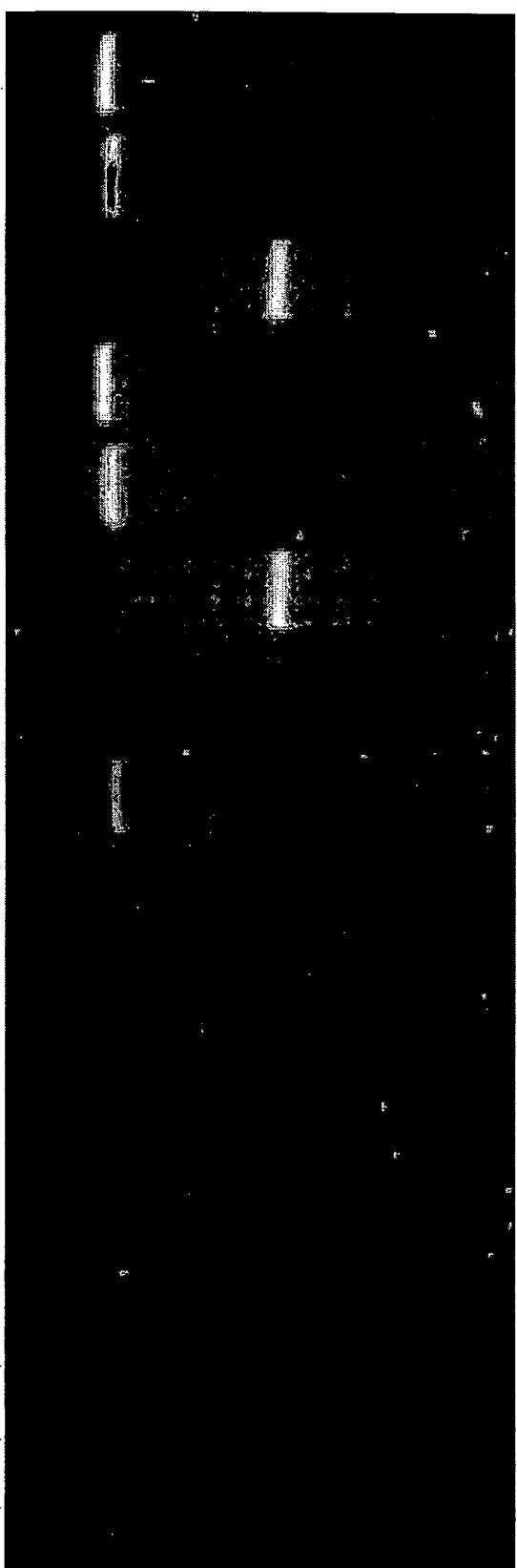


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

5' primer	hA FP1	hA FP3	hA FP1
3' primer	hA FP2	hA FP4	hA FP4
Target exons (DNA length)	1~3 (257bp)	12~14 (355bp)	1~14 (1836bp)
Hep3B	1	2	3
HepG2	4	5	6
K562	7	8	9
STO	10	11	12
No cDNA	13	14	15

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



5' primer	HALB1	HALB3	HALB1
3' primer	HALB2	HALB4	HALB4
Target exons (cDNA length)	1~4 (333bp)	12~14 (358bp)	1~14 (1836bp)
HepG2	1	2	3
Hep3B	4	5	6
K562	7	8	9
STO	10	11	12
No cDNA	13	14	15

Figure 2  
Gel electrophoresis of cDNA library

# Change in Viability

## Viability of Fetal Liver Cells After Cryopreservation

Mean = 43 ± 3.5%

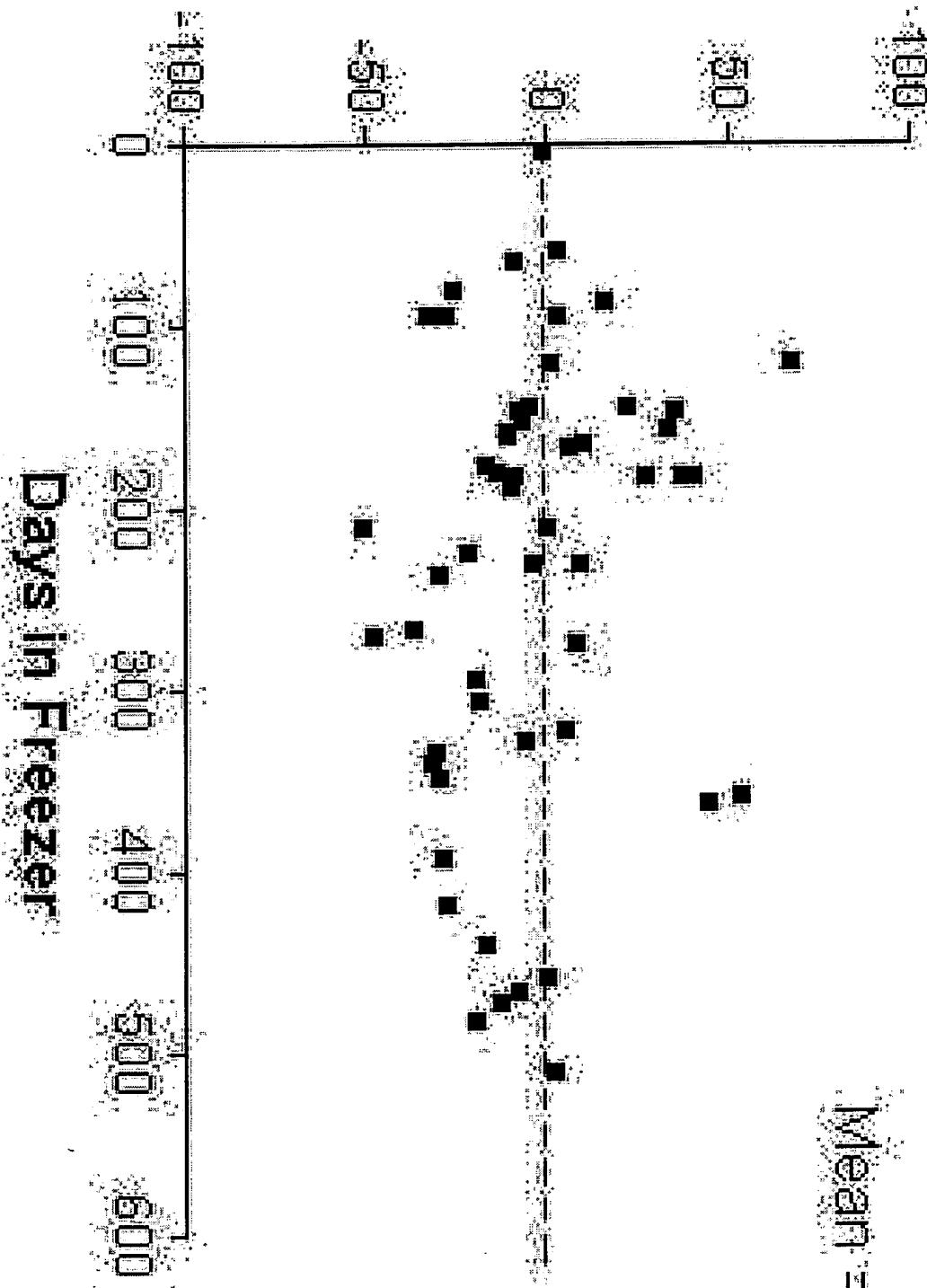
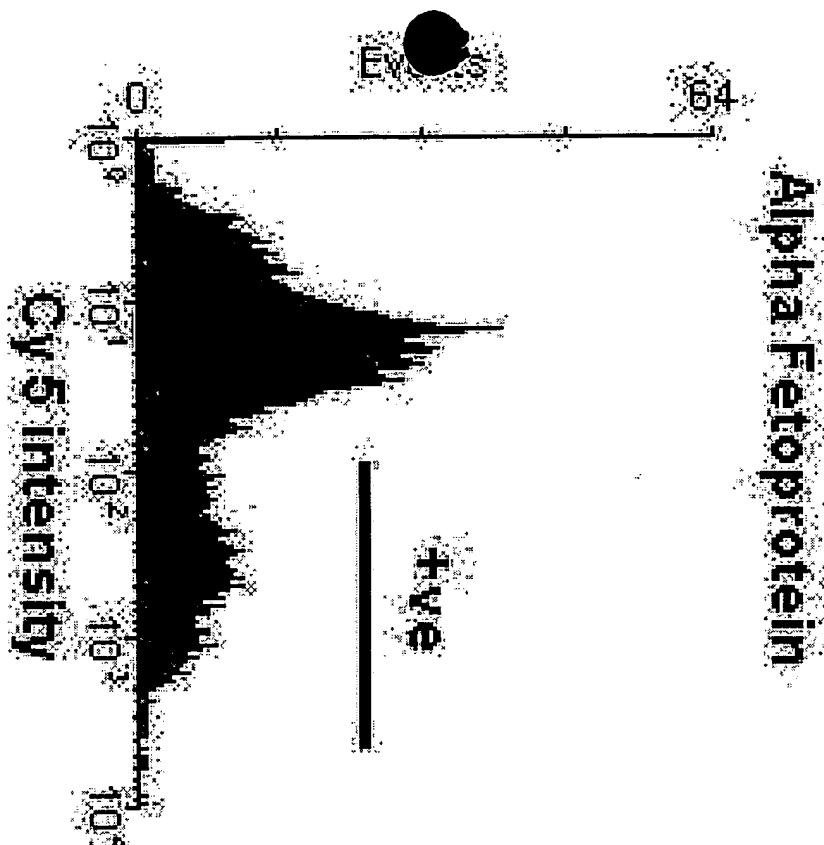


Figure 3 - 0.1 g/0.0

Alpha Fetoprotein



Albumin

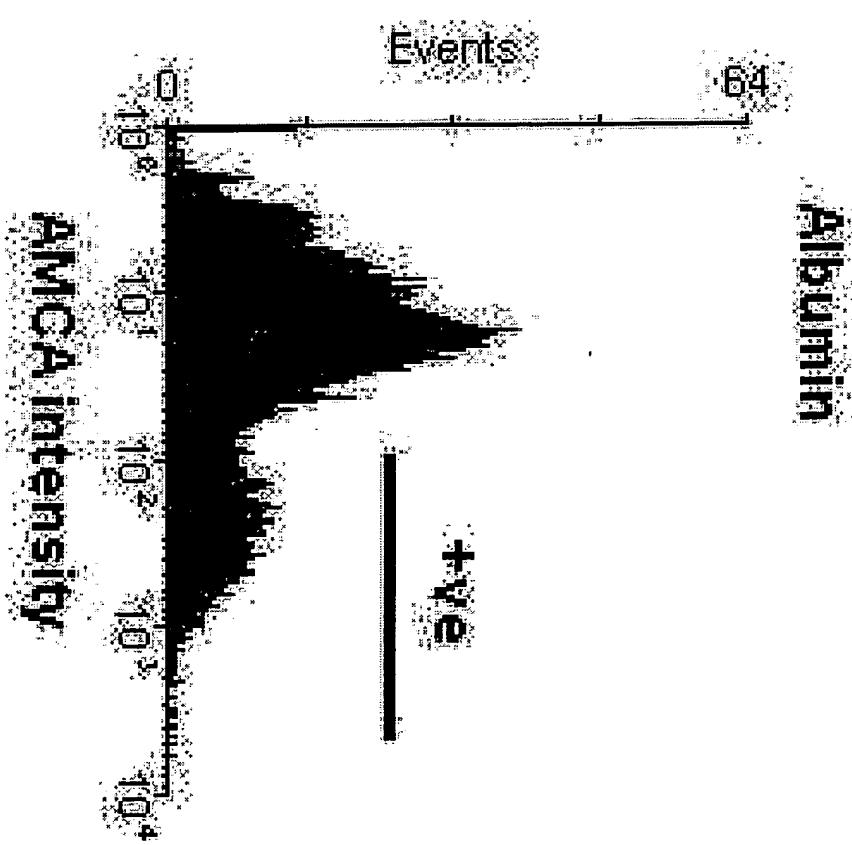
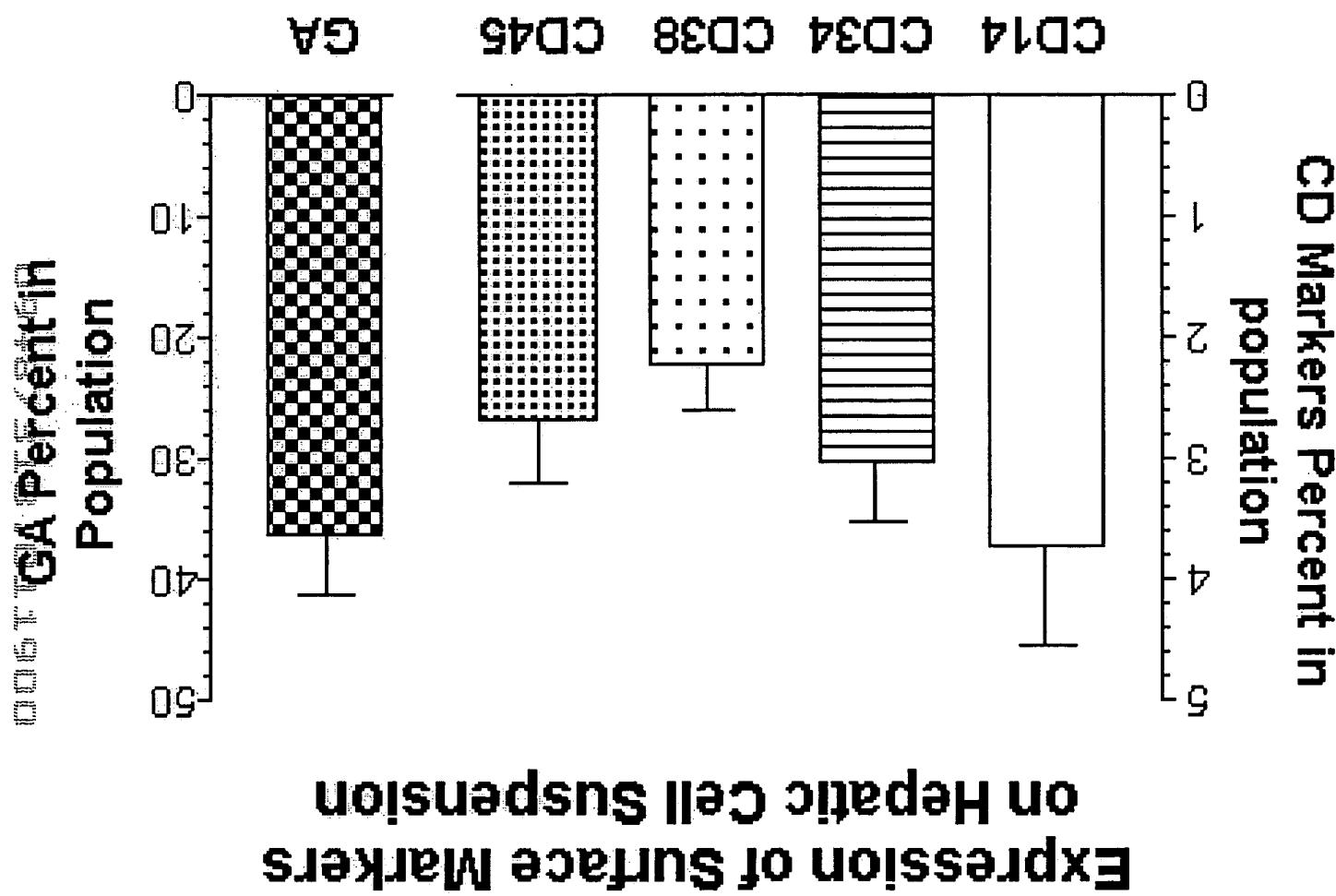
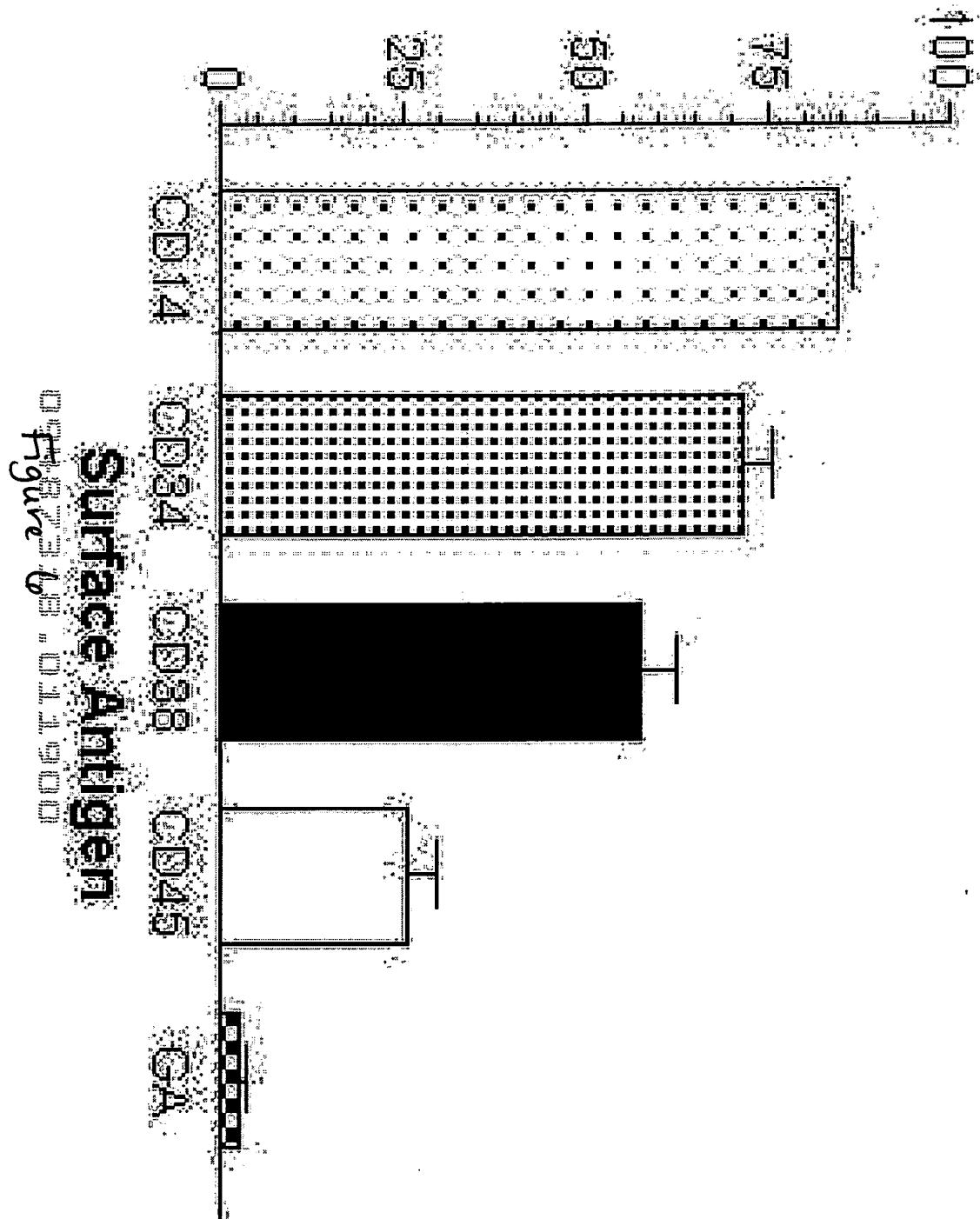


Figure 4

Figure 5



## % of cells co-expressing AFP



Co-expression of cell surface antigens and  $\alpha$ -Fetoprotein by fetal liver cells



**2b**  
Effect of Percoll fractionation on  
AFP/ALB Co-expression In Fetal  
Liver Cell Suspension

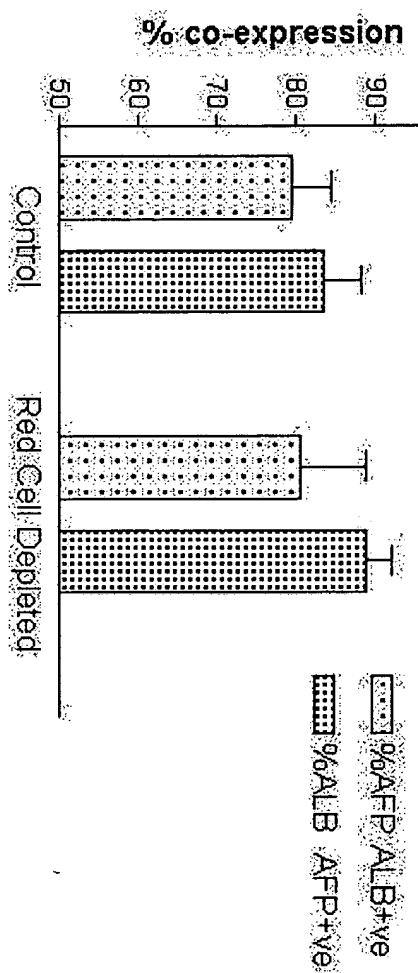


Figure 7  
Effect of Percoll fractionation on  
AFP/ALB Co-expression In Fetal  
Liver Cell Suspension

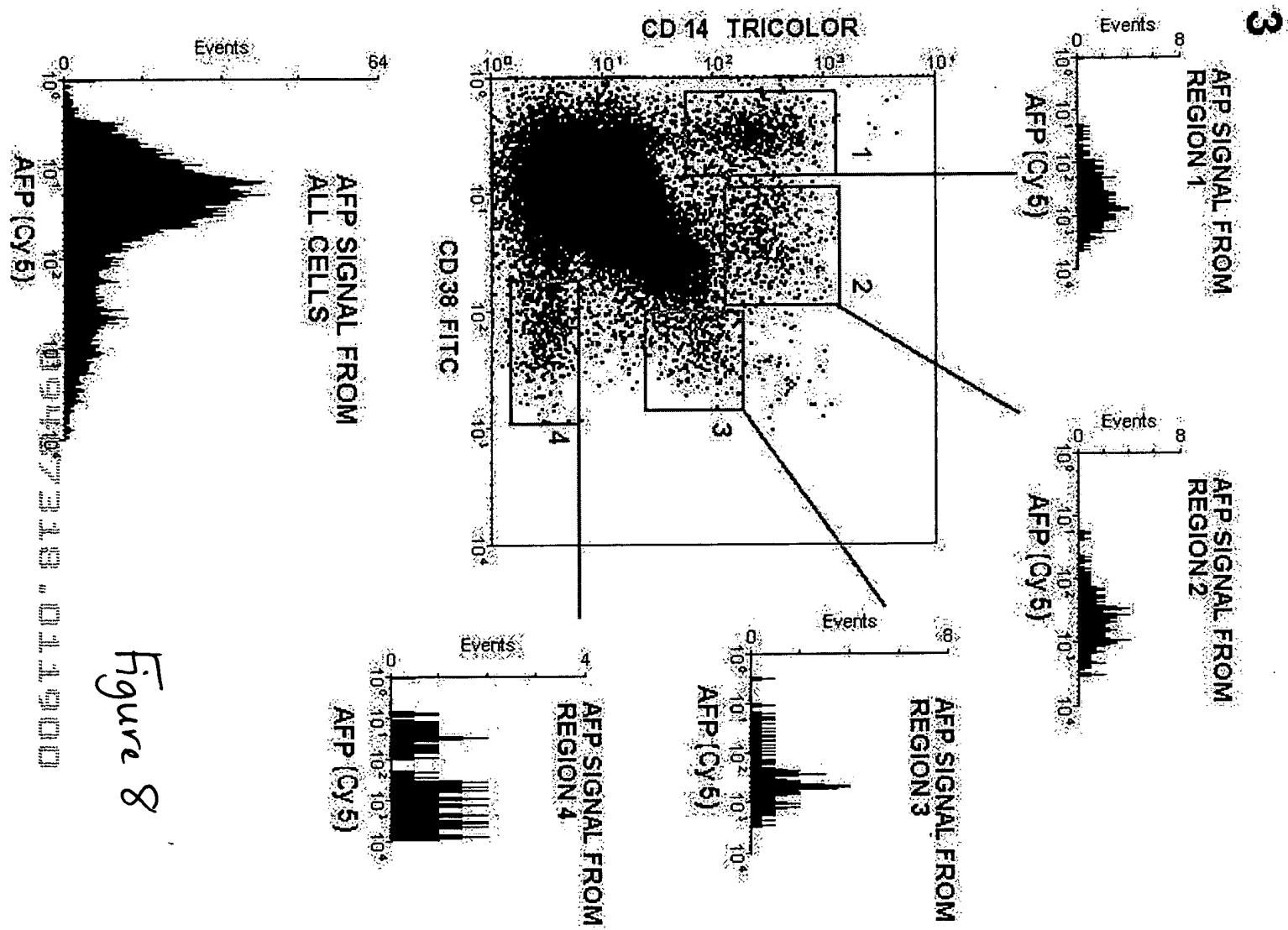


Figure 8

Yield of AFP +ve cells using  
CD14 and/or CD38

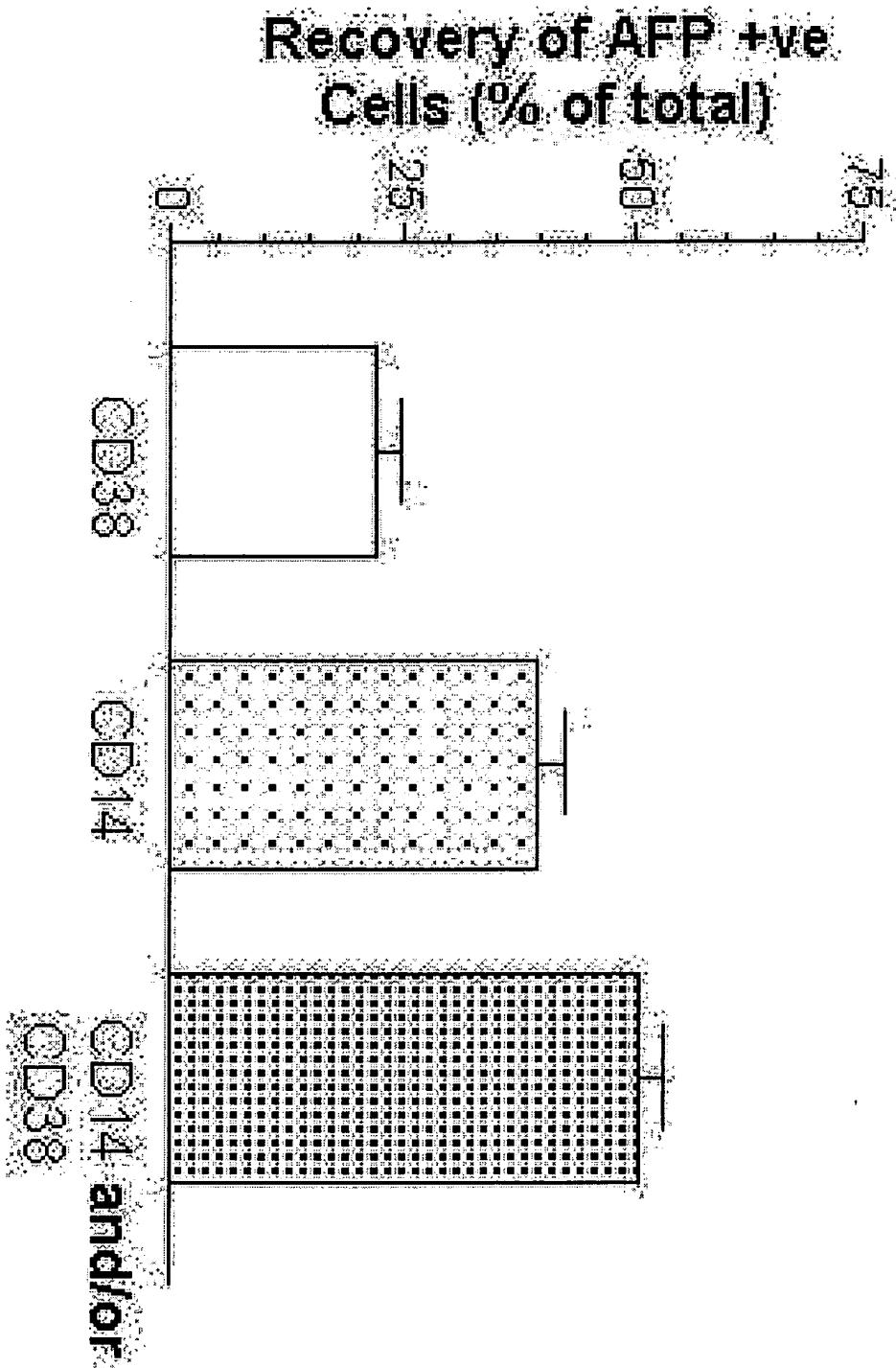


Figure 9

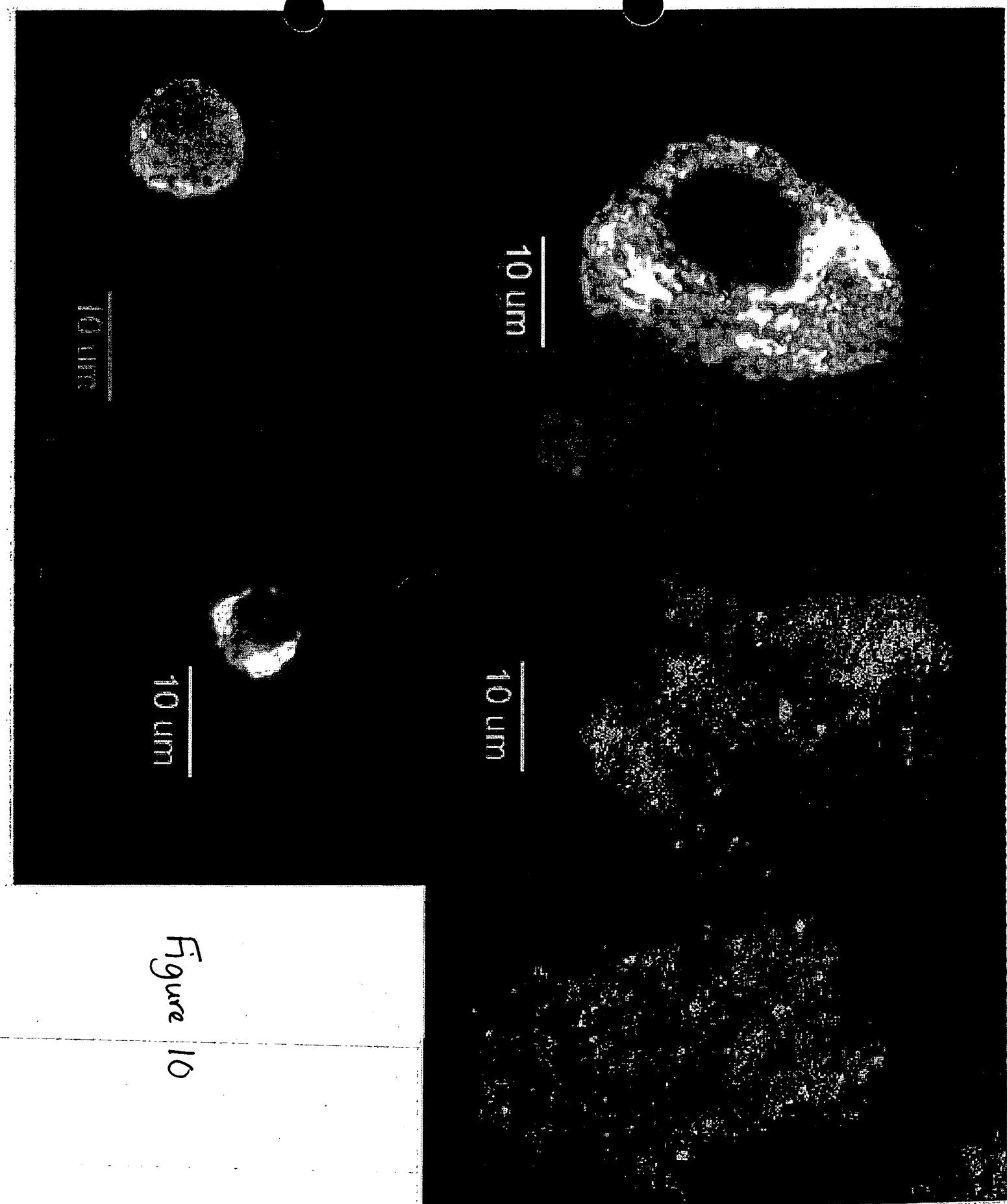
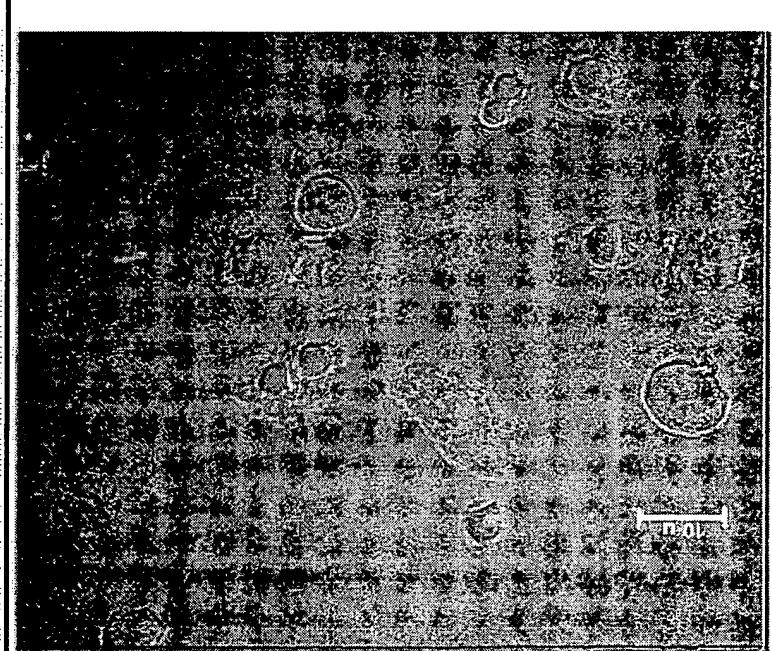
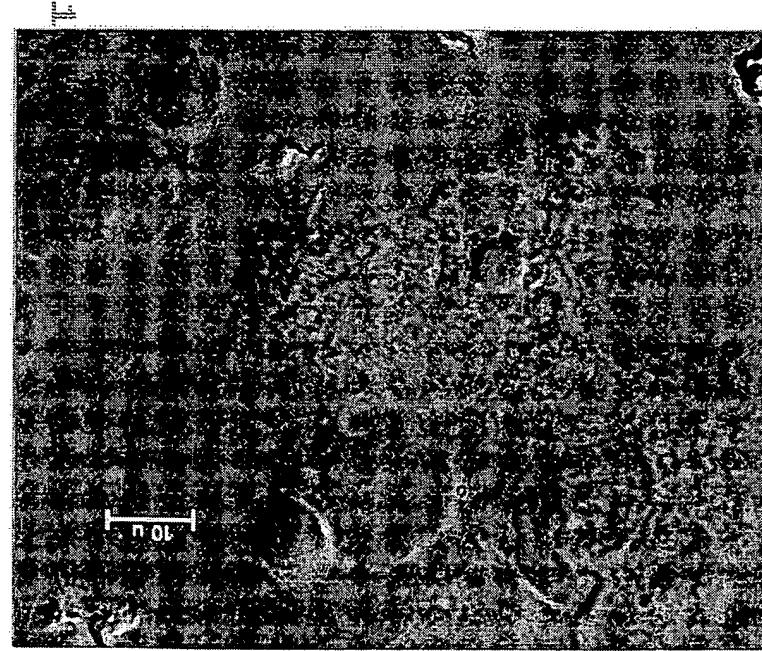
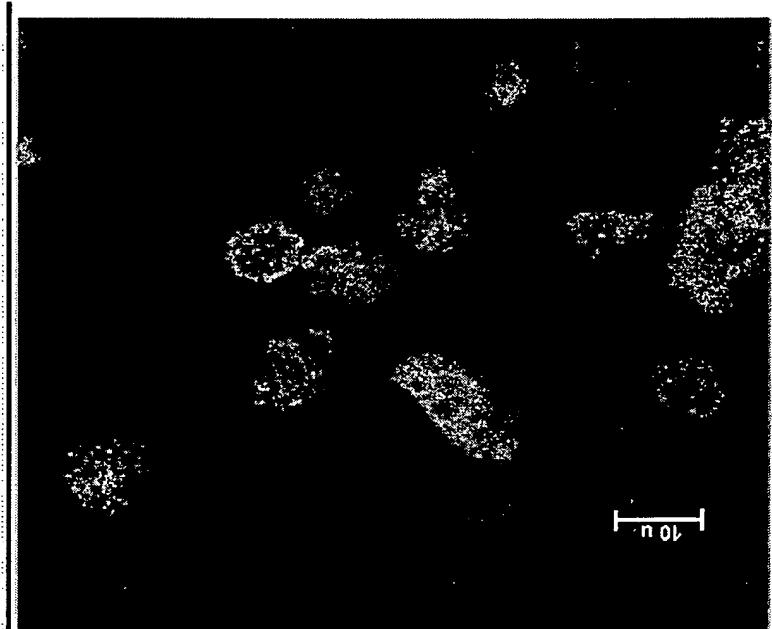
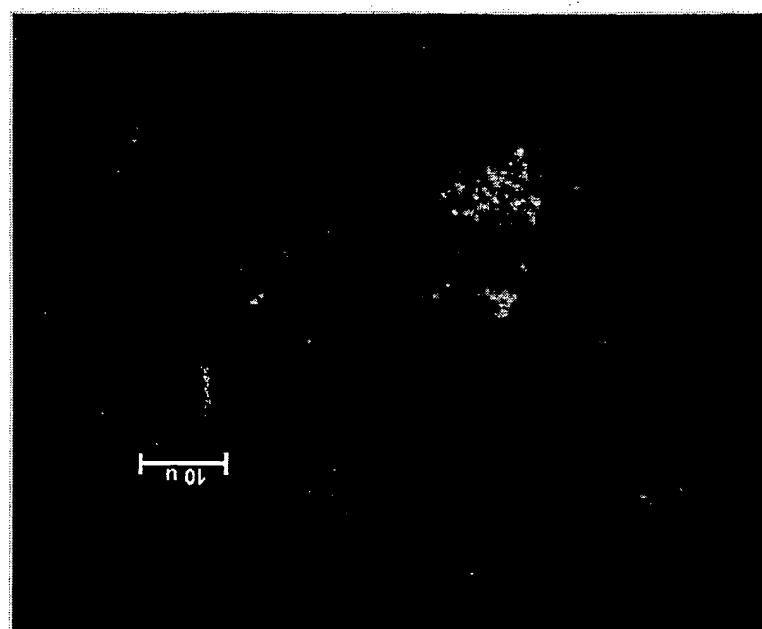


Figure 10

Figure 11

Lower: AFP immunofluorescence

Upper: DIC image of cells



CD14 Positive

Surface antigen negative

Figure 12a

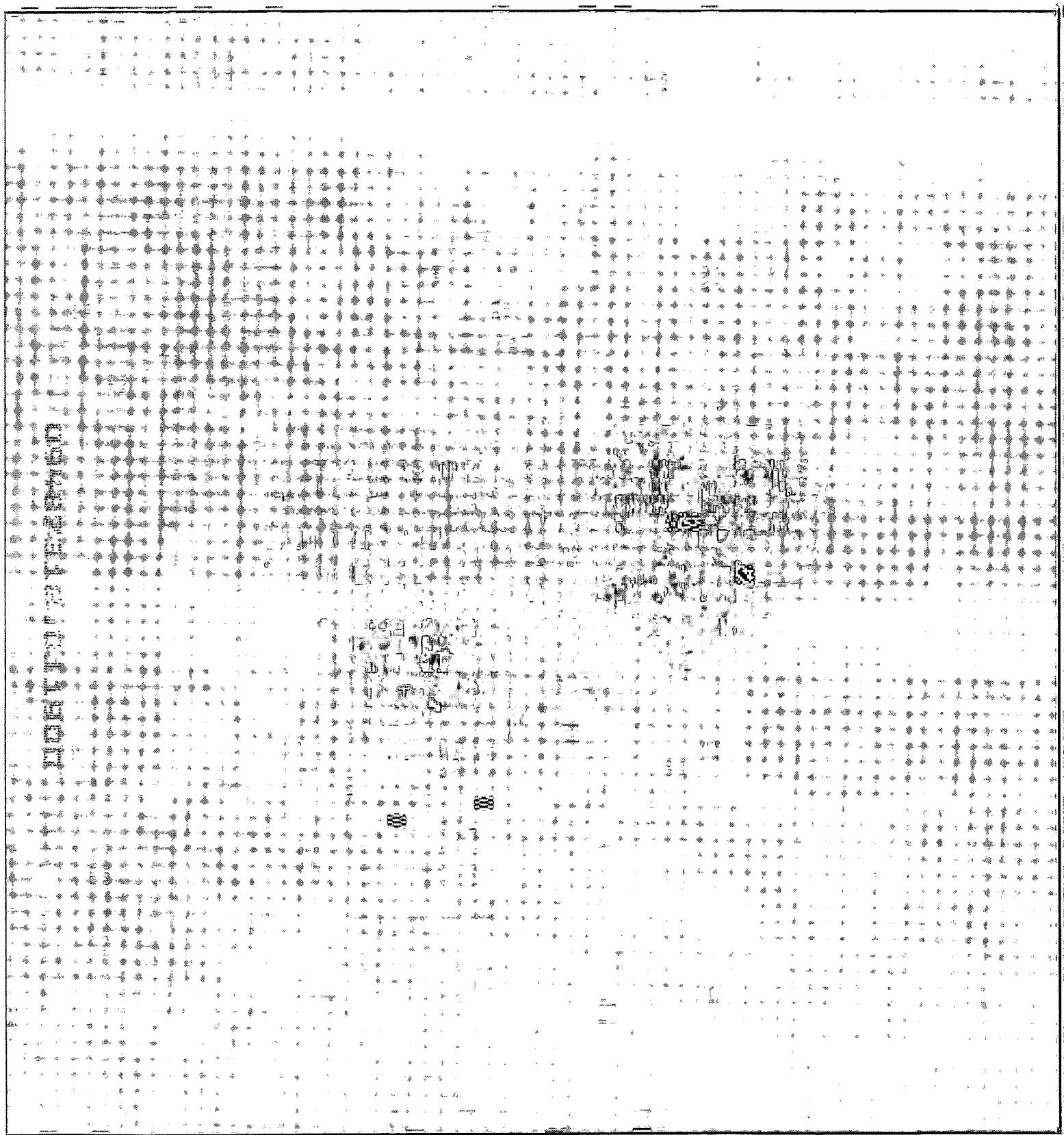


Figure 12b



Figure 12c

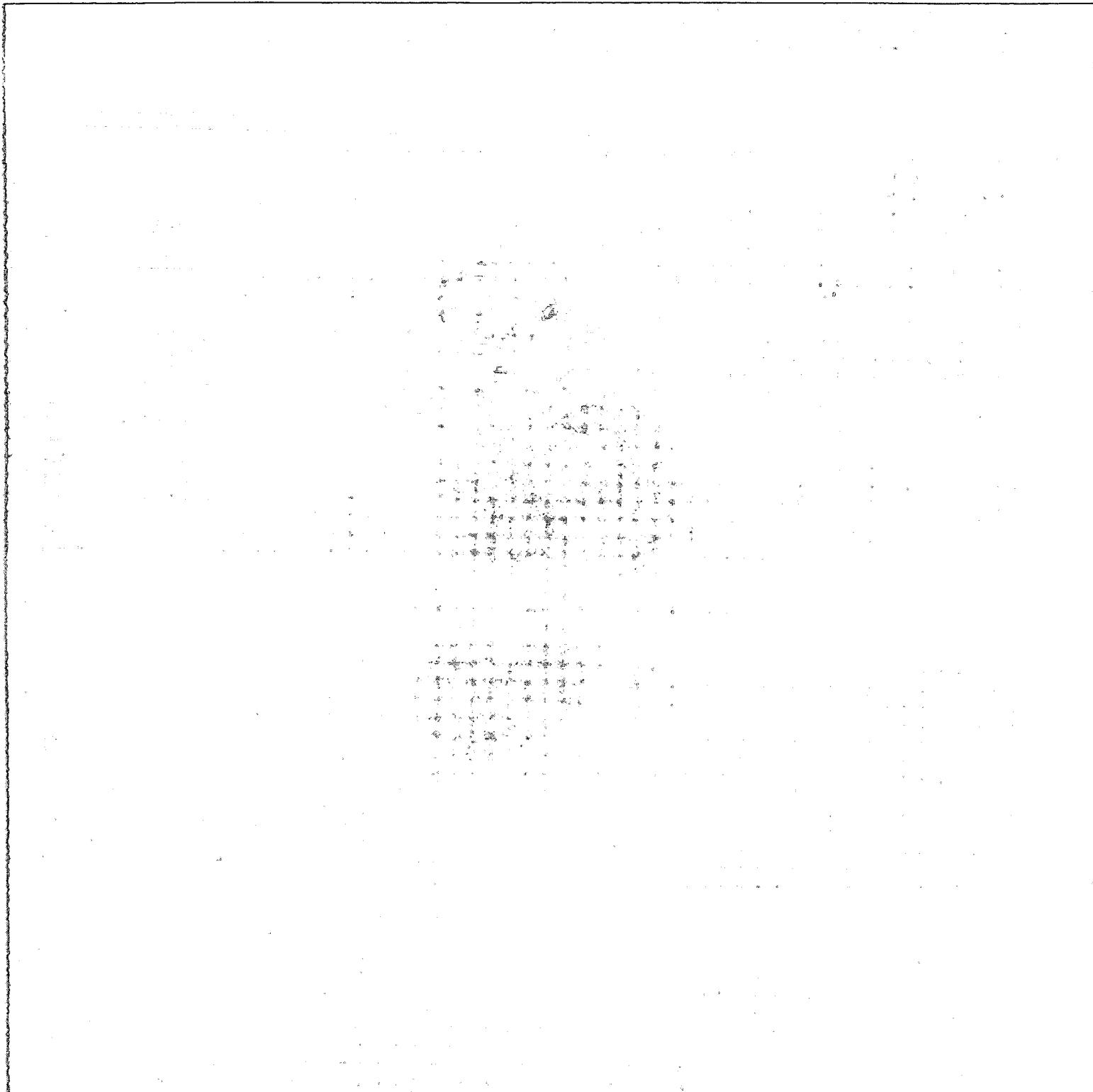


Figure 13a

Figure 13.b